**The College of New Jersey**

**Civil Engineering Department**

**Thailand Water Supply System Senior Project**

Meeting 8: Minutes

Date: Wednesday, November 2, 2011, 10:00 AM

Attendance: Dr. Horst, Advisor

 Ian Burton, Project Manager

 Jayme Lynch

 Amanda Feeley

Summary:

 Since the last meeting, a lot of information was gather and analyzed which was all covered in the Progress Report Presentation. Jayme and Amanda created a cross section of the stream and recorded the areas and perimeters at specified elevations. That data was entered into excel and I created a graph and chart of the flows at each elevation. Jayme worked on her pump data and created the SHC and compared it to a couple of PHCs. Prior to the presentation, Dr. Horst and the group finalized on the three design aspects each member will be working on during the rest of the year (two semesters). The designs are listed below:

 Ian: Designing a Gravity Fed System

 Jayme: Designing a Turbine/Pump System

 Amanda: Designing a Distribution System

 With the new designs, no steel tower or foundation is needed so the soil data search has ended and there is no need for standards on these designs.

 The log books were finished and handed in to Dr. Horst for his review.

 At the next meeting, we will discuss any further calculation or design that is needed before the completion of the report and final presentation. We need to determine a computer program to use, Modern Engineering Tools.